

23. (original) The radio frequency device of claim 22, wherein the radio frequency filter is arranged such that at least one of a center frequency and a bandwidth of the filter are controllable.

REMARKS

Claims 1-23 remain in the application.

Reconsideration of this application is respectfully requested.

Claim Rejections - 35 U.S.C. § 102(b):

Claims 21-23 are rejected under 35 U.S.C. § 102(b) as being clearly anticipated by Bolie.

Applicants respectfully traverse the rejection. To be anticipated under 102(b) each and every element of the claim must be taught by the cited reference. Applicants specifically recite a radio frequency filter in claim 21 and a radio frequency device in claim 22. The Bolie reference fails to teach an RF filter or RF device.

The entire Bolie patent is limited to the teachings of audio technology and is not applicable to an RF environment. Bolie's invention uses a circuit to create a "spectrum" within the audio frequency range. Bolie fails to teach or suggest using his circuit in an RF environment. In fact, the circuit taught by Bolie would not operate properly in an RF environment since it uses discrete components. Column 1, lines 10-15 were cited by the Examiner, however this part of the Bolie patent specifically recites an audio frequency range. The remainder of the patent, likewise, is directed to audio frequency technology.

Accordingly, the rejection of claims 21-23 under 35 U.S.C. § 102(b) is overcome.

Allowable Claims:

Claims 1-20 are allowable over the prior art of record.

Applicant thanks the Examiner for the allowance of claims 1-20.

Accordingly, this application is believed to be in proper form for allowance and an early notice of allowance is respectfully requested.

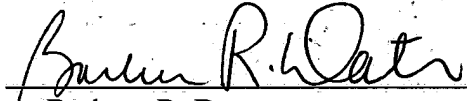
Please charge any fees associated herewith, including extension of time fees, to 50-2117.

Respectfully submitted,

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